

Robert Greene Sterne  
Edward J. Kessler  
Joseph A. Goldstein  
David K.S. Cornwall  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michael A. Cimbalia  
Michael B. Roy  
Robert E. Solohil  
Eric K. Steffe  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Mittenig  
Donald J. Featherstone  
Lawrence B. Bugalsky  
Michael V. Messinger  
Judith U. Kim

Timothy J. Shea, Jr.  
Patrick E. Garrett  
Jeffrey T. Helvey  
Heidi L. Kraus  
Albert L. Ferro  
Donald R. Benowitz  
Peter A. Jodman  
Teresa U. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuano  
Eldora Elisen Floyd  
Thomas C. Fala  
Brian J. Del Buono  
Vigil Leo Beaton  
Theodore A. Wood  
Elizabeth J. Heames  
Joseph S. Ostroff  
Frank R. Cottingham

Christine M. Thullier  
Joe Lynn P. Guest  
George S. Dornhueser  
Daniel A. Klein  
Joseph D. Eisenberg  
Michael D. Specht  
Andrea J. Kamaga  
Tracy L. Miller  
Jan E. Wright  
LuAnna M. DeSantis  
Ann E. Summerfield  
Anne V. Ledford  
Helene C. Carlson  
Cynthia M. Bouchez  
Timothy A. Doyle  
Gabby L. Longworth  
Lon A. Gordon  
Nicole D. Dieter  
Ted J. Ebersole

Justin C. Yee  
Laura A. Vogel  
Michael J. Mancuso  
Bryan S. Wade  
Aaron L. Schwartz  
Matthew E. Kelley  
Nicole R. Kremer  
  
**Registered Patent Agents\***  
Karen R. Markowitz  
Nancy J. Leith  
Matthew J. David  
Aaron L. Schwartz  
Kathrina Tuyen裴 Quach  
Bryan L. Slatton  
Robert A. Schwartzman  
Teresa A. Cobilia  
Jeffrey S. Lundgren  
Victoria S. Rutherford

Michelle K. Holmbeck  
Simon J. Elton  
Julia A. Holder  
Mita Mukherjee  
Scott M. Woodhouse  
Michael G. Penn  
Christopher J. Walsh  
Peter A. Sotarras

**Of Counsel:**  
Kenneth C. Bass II  
Evan R. Smith  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice Limited to  
Federal Agencies

December 30, 2004

**WRITER'S DIRECT NUMBER:**  
(202) 772-8645  
**INTERNET ADDRESS:**  
JASONE@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 2851**

Re: U.S. Patent Application  
Appl. No. 10/790,257; Filed: March 2, 2004  
For: **Lithographic Apparatus and Device Manufacturing Method**  
Inventors: Sytsma *et al.*  
Our Ref: 1857.2690000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 (2 pages) listing the cited documents;
3. One (1) return postcard.

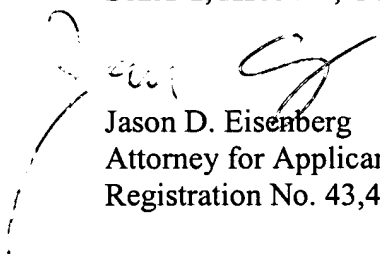
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
December 30, 2004  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Very truly yours,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jason D. Eisenberg  
Attorney for Applicants  
Registration No. 43,447

JDE/slp  
Enclosure

348781\_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sytsma *et al.*

Appl. No.: 10/790,257

Filed: March 2, 2004

Confirmation No.: 9806

Art Unit: 2851

Examiner: Nguyen, Hung

Atty. Docket: 1857.2690000

**For: Lithographic Apparatus and Device  
Manufacturing Method**

**Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent

application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- ☒ 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.
- ☐ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
  - ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p).
- ☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
- ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- ☐ 6. A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R. § 1.98(a)(3).
- ☒ 7. A copy of document AK1 is enclosed. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of the U.S. patents and patent application publications cited on the attached Form PTO-1449 are not enclosed.
- ☐ 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. \_\_\_\_\_, filed \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

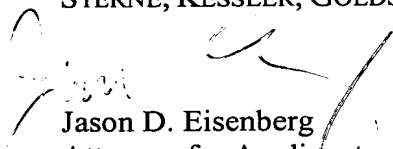
- ☐ 9. It is expected that the examiner will review the prosecution and cited art in the parent application no(s). \_\_\_\_\_ in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

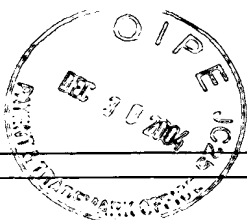
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Jason D. Eisenberg  
Attorney for Applicants  
Registration No. 43,447

Date: 12/30/04

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

348053\_1.DOC



FORM PTO-1449

**INFORMATION DISCLOSURE STATEMENT**ATTY. DOCKET NO.  
1857.2690000APPLICATION NO.  
10/790,257FIRST NAMED INVENTOR  
Joost SytsmaFILING DATE  
March 2, 2004ART UNIT  
2851**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	5,500,736	03/1996	Koitabashi <i>et al.</i>			
	AB1	5,523,193	06/1996	Nelson			
	AC1	5,530,482	06/1996	Gove <i>et al.</i>			
	AD1	5,579,147	11/1996	Mori <i>et al.</i>			
	AE1	5,677,703	10/1997	Bhuva <i>et al.</i>			
	AF1	5,808,797	09/1998	Bloom <i>et al.</i>			
	AG1	5,982,553	11/1999	Bloom <i>et al.</i>			
	AH1	6,133,986	10/2000	Johnson			
	AI1	6,177,980 B1	01/2001	Johnson			
	AJ1	6,687,041 B1	02/2004	Sandstrom			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AK1	EP 1 482 375 A2	12/2004	EP			N/A
	AL						Yes No
	AM						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

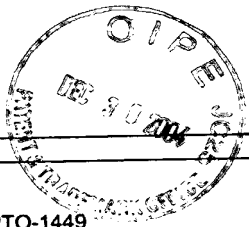
	AN	
	AO	
	AP	
	AQ	
	AR	

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1857.2690000APPLICATION NO.  
10/790,257FIRST NAMED INVENTOR  
Joost SytsmaFILING DATE  
March 2, 2004ART UNIT  
2851**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2	6,747,783 B1	06/2004	Sandstrom			
	AB2	6,795,169 B2	09/2004	Tanaka <i>et al.</i>			
	AC2	6,806,897 B2	10/2004	Kataoka <i>et al.</i>			
	AD2	6,811,953 B2	11/2004	Hatada <i>et al.</i>			
	AE2	2004/0041104 A1	03/2004	Liebregts <i>et al.</i>			
	AF2	2004/0130561 A1	07/2004	Jain			
	AG						
	AH						
	AI						
	AJ						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AK						Yes No
	AL						Yes No
	AM						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AN	
	AO	
	AP	
	AQ	
	AR	

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.